

AUTHOR INDEX

- ABUAF, N., *see* HOMBERG, J.C.
 ADAM, C., *see* POCIDALO, M.-A.
 AHMAD, M., *see* EIBL, M.
 ALCOCER, J., *see* FITZHARRIS, P.
 ALLSOP, G., *see* BOLTON, C.
 ANDERSON, P., PEDERSON, O.F., BACH, B. & BONDE, G.J. Serum antibodies and immunoglobulins in smokers and nonsmokers, 467
 ANDERSON, R. & JONES, P.T. Increased leucoattractant binding and reversible inhibition of neutrophil motility mediated by the peroxidase/H₂O₂/halide system: effects of ascorbate, cysteine, dithiothreitol, levamisole and thiamine, 487
 ANDRE, J., *see* HOMBERG, J.C.
 ANDREIS, I., *see* HOMBERG, J.C.
 ARAKI, K., NAGASHIMA, H. & TSUJI, T. Detection and characterization of circulating immune complexes during acute exacerbation of chronic viral hepatitis, 520
 ATKINS, P.C., *see* SOLAL-CELGNY, P.
 AUDINOT, M., *see* FISCHER, A.
 AUSTEN, K.F., *see* WASSERMAN, S.I.
 AVALLONE, R., *see* BORDIGNON, C.
 BACH, B., *see* ANDERSON, P.
 BAGDY, D., *see* FALUS, A.
 BAHN, A.K., DIENSTAG, J.L., WANDS, J.R., SCHLOSSMAN, S.F. & REINHERZ, E.L. Alterations of T cell subsets in primary biliary cirrhosis, 351
 BAHR, G.M., MODABBER, F.Z., ROOK, G.A.W., MEHROTRA, M.L., STANFORD, J.L. & CHEDID, L. Absence of antibodies to muramyl dipeptide in patients with tuberculosis or leprosy, 53
 BALFOR, JR. H.H., *see* GEHRZ, R.C.
 BALLIEUX, R.E., *see* BAST, E.J.E.G.
 BALLIEUX, R.E., *see* HEIJNEN, C.J.
 BARBET, A.F., *see* NANTULYA, V.M.
 BARKAS, T. & SIMPSON, J.A. Lack of inter-animal cross-reaction of anti-acetylcholine receptor antibodies at the receptor-binding site as demonstrated by heterologous anti-idiotypic antisera: implications for immunotherapy of myasthenia gravis, 119
 BARRAL-NETTO, M., HOFSTETTER, M., GUSTAVO DOS SANTOS, J., CHEEVER, A.W. & OTTESEN, E.A. *Schistosoma mekongi* infection in man: cellular immune responses and modulating mechanisms, 65
 BARRETT, D.S., RAYFIELD, L.S. & BRENT, L. Suppression of natural cell-mediated cytotoxicity in man by maternal and neonatal serum, 742
 BARTALENA, L., *see* FENZI, G.F.
 BAST, E.J.E.G., VAN CAMP, B., REYNAERT, P., WIRINGA, G. & BALLIEUX, R.E. Idiotypic peripheral blood lymphocytes in monoclonal gammopathy, 677
 BELEHU, A., *see* MELSOM, R.
 BENE, M.-C., FAURE, G. & DUHEILLE, J. IgA nephropathy: characterization of the polymeric nature of mesangial deposits by *in vitro* binding of free secretory component, 527
 BERGMAN, A.G., *see* KAUFFMAN, C.A.
 BERNARDS, J.P., *see* LEBRETON, J.P.
 BETTS, W.H., *see* FERRANTE, A.
 BJÖRKHOLM, M., *see* HOLM, G.
 BLASCO, R., *see* EDIGO, J.
 BLASCO, R., *see* SANCHEZ, J.
 BLYTH, F., *see* PUSSELL, B.A.
 BÖHM, U., *see* FALUS, A.
 BOLLUM, F.J., *see* SASAKI, R.
 BOLTON, C., ALLSOP, G. & CUZNER, M.L. The effect of cyclosporin A on the adoptive transfer of experimental allergic encephalomyelitis in the Lewis rat, 127
 BONDE, G.J., *see* ANDERSON, P.
 BONOMO, L., *see* DAMMACCO, F.
 BORDIGNON, C., VILLA, F., VECCHI, A., GIACCAZZI, R., INTRONA, M., AVALLONE, R. & MANTOVANI, A. Natural cytotoxic activity in human lungs, 437
 BOYD, G., *see* WICK, G.
 BOZSÓKY, S., *see* FALUS, A.
 BRAY, J., MACLEAN, G.D., DUSEL, F.J. & MCPHERSON, T.A. Decreased levels of circulating lytic anti-T in the serum of patients with metastatic gastrointestinal cancer: a correlation with disease burden, 176
 BRENT, L., *see* BARRETT, D.S.
 BRUN, G., *see* SOLAL-CELGNY, P.
 BUBENIK, O., *see* RODE, H.N.
 BURKE, V., *see* JAMES, C.
 CARROLL, J., *see* PHADKE, K.
 CARCHMAN, R., *see* THOMAS, J.
 CARVER, M., *see* THOMAS, J.
 CATOVSKY, D., *see* THIEN, S.L.
 CATS, A., *see* DE VRIES, E.
 CATS, A., *see* MEIJER, C.J.L.M.
 CELADA, A., CRUCHAUD, H. & PERRIN, L.H. Opsonic activity of human immune serum on *in vitro* phagocytosis of *Plasmodium falciparum* infected red blood cells by monocytes, 635
 CHARLESWORTH, J.A., *see* PUSSELL, B.A.
 CHASTENAY, B.F., *see* HOLDSTOCK, G.
 CHIOVATO, L., *see* FENZI, G.F.
 CHEDID, L., *see* BAHR, G.M.
 CHEEVER, A.W., *see* BARRAL-NETTO, M.
 CHEN, Y., HWANG, L.T. & HELLER, P. Immunosuppression in plasmacytoma: induction of suppressor cells, 191
 CHRISTIANSON, W.R., *see* GEHRZ, R.C.
 CHRISTOU, N.V., *see* RODE, H.N.
 CINTORINO, M., *see* TOSI, P.
 CLELAND, L.G., *see* FERRANTE, A.
 CNOSSEN, J., *see* MEIJER, C.J.L.M.
 COLLINS-LECH, C., *see* SOHNLE, P.G.
 COTTIER, H., *see* TOSI, P.
 CRUCHAUD, A., *see* CELADA, A.
 CSÁK, E., *see* FALUS, A.
 CUNNINGHAM, A.J., *see* KEYSTONE, E.C.
 CUZNER, M.L., *see* BOLTON, C.
 DALLEGRI, F., HOLM, G. & GAHRTON, G. Antibody dependent cellular cytotoxicity of leukaemic blast cells and neutrophils from patients with acute myelogenous leukaemia, 414
 DAMMACCO, F., MIGLIETTA, A., VENTURA, M.T. & BONOMO, L. Defective monocyte chemotactic

AUTHOR INDEX

- ABUAF, N., *see* HOMBERG, J.C.
 ADAM, C., *see* POCIDALO, M.-A.
 AHMAD, M., *see* EIBL, M.
 ALCOCER, J., *see* FITZHARRIS, P.
 ALLSOP, G., *see* BOLTON, C.
 ANDERSON, P., PEDERSON, O.F., BACH, B. & BONDE, G.J. Serum antibodies and immunoglobulins in smokers and nonsmokers, 467
 ANDERSON, R. & JONES, P.T. Increased leucoattractant binding and reversible inhibition of neutrophil motility mediated by the peroxidase/H₂O₂/halide system: effects of ascorbate, cysteine, dithiothreitol, levamisole and thiamine, 487
 ANDRE, J., *see* HOMBERG, J.C.
 ANDREIS, I., *see* HOMBERG, J.C.
 ARAKI, K., NAGASHIMA, H. & TSUJI, T. Detection and characterization of circulating immune complexes during acute exacerbation of chronic viral hepatitis, 520
 ATKINS, P.C., *see* SOLAL-CELGNY, P.
 AUDINOT, M., *see* FISCHER, A.
 AUSTEN, K.F., *see* WASSERMAN, S.I.
 AVALLONE, R., *see* BORDIGNON, C.
 BACH, B., *see* ANDERSON, P.
 BAGDY, D., *see* FALUS, A.
 BAHN, A.K., DIENSTAG, J.L., WANDS, J.R., SCHLOSSMAN, S.F. & REINHERZ, E.L. Alterations of T cell subsets in primary biliary cirrhosis, 351
 BAHR, G.M., MODABBER, F.Z., ROOK, G.A.W., MEHROTRA, M.L., STANFORD, J.L. & CHEDID, L. Absence of antibodies to muramyl dipeptide in patients with tuberculosis or leprosy, 53
 BALFOR, JR. H.H., *see* GEHRZ, R.C.
 BALLIEUX, R.E., *see* BAST, E.J.E.G.
 BALLIEUX, R.E., *see* HEIJNEN, C.J.
 BARBET, A.F., *see* NANTULYA, V.M.
 BARKAS, T. & SIMPSON, J.A. Lack of inter-animal cross-reaction of anti-acetylcholine receptor antibodies at the receptor-binding site as demonstrated by heterologous anti-idiotypic antisera: implications for immunotherapy of myasthenia gravis, 119
 BARRAL-NETTO, M., HOFSTETTER, M., GUSTAVO DOS SANTOS, J., CHEEVER, A.W. & OTTESEN, E.A. *Schistosoma mekongi* infection in man: cellular immune responses and modulating mechanisms, 65
 BARRETT, D.S., RAYFIELD, L.S. & BRENT, L. Suppression of natural cell-mediated cytotoxicity in man by maternal and neonatal serum, 742
 BARTALENA, L., *see* FENZI, G.F.
 BAST, E.J.E.G., VAN CAMP, B., REYNAERT, P., WIRINGA, G. & BALLIEUX, R.E. Idiotypic peripheral blood lymphocytes in monoclonal gammopathy, 677
 BELEHU, A., *see* MELSOM, R.
 BENE, M.-C., FAURE, G. & DUHEILLE, J. IgA nephropathy: characterization of the polymeric nature of mesangial deposits by *in vitro* binding of free secretory component, 527
 BERGMAN, A.G., *see* KAUFFMAN, C.A.
 BERNARDS, J.P., *see* LEBRETON, J.P.
 BETTS, W.H., *see* FERRANTE, A.
 BJÖRKHOLM, M., *see* HOLM, G.
 BLASCO, R., *see* EDIGO, J.
 BLASCO, R., *see* SANCHEZ, J.
 BLYTH, F., *see* PUSSELL, B.A.
 BÖHM, U., *see* FALUS, A.
 BOLLUM, F.J., *see* SASAKI, R.
 BOLTON, C., ALLSOP, G. & CUZNER, M.L. The effect of cyclosporin A on the adoptive transfer of experimental allergic encephalomyelitis in the Lewis rat, 127
 BONDE, G.J., *see* ANDERSON, P.
 BONOMO, L., *see* DAMMACCO, F.
 BORDIGNON, C., VILLA, F., VECCHI, A., GIACCAZZI, R., INTRONA, M., AVALLONE, R. & MANTOVANI, A. Natural cytotoxic activity in human lungs, 437
 BOYD, G., *see* WICK, G.
 BOZSÓKY, S., *see* FALUS, A.
 BRAY, J., MACLEAN, G.D., DUSEL, F.J. & MCPHERSON, T.A. Decreased levels of circulating lytic anti-T in the serum of patients with metastatic gastrointestinal cancer: a correlation with disease burden, 176
 BRENT, L., *see* BARRETT, D.S.
 BRUN, G., *see* SOLAL-CELGNY, P.
 BUBENIK, O., *see* RODE, H.N.
 BURKE, V., *see* JAMES, C.
 CARROLL, J., *see* PHADKE, K.
 CARCHMAN, R., *see* THOMAS, J.
 CARVER, M., *see* THOMAS, J.
 CATOVSKY, D., *see* THIEN, S.L.
 CATS, A., *see* DE VRIES, E.
 CATS, A., *see* MEIJER, C.J.L.M.
 CELADA, A., CRUCHAUD, H. & PERRIN, L.H. Opsonic activity of human immune serum on *in vitro* phagocytosis of *Plasmodium falciparum* infected red blood cells by monocytes, 635
 CHARLESWORTH, J.A., *see* PUSSELL, B.A.
 CHASTENAY, B.F., *see* HOLDSTOCK, G.
 CHIOVATO, L., *see* FENZI, G.F.
 CHEDID, L., *see* BAHR, G.M.
 CHEEVER, A.W., *see* BARRAL-NETTO, M.
 CHEN, Y., HWANG, L.T. & HELLER, P. Immunosuppression in plasmacytoma: induction of suppressor cells, 191
 CHRISTIANSON, W.R., *see* GEHRZ, R.C.
 CHRISTOU, N.V., *see* RODE, H.N.
 CINTORINO, M., *see* TOSI, P.
 CLELAND, L.G., *see* FERRANTE, A.
 CNOSSEN, J., *see* MEIJER, C.J.L.M.
 COLLINS-LECH, C., *see* SOHNLE, P.G.
 COTTIER, H., *see* TOSI, P.
 CRUCHAUD, A., *see* CELADA, A.
 CSÁK, E., *see* FALUS, A.
 CUNNINGHAM, A.J., *see* KEYSTONE, E.C.
 CUZNER, M.L., *see* BOLTON, C.
 DALLEGRI, F., HOLM, G. & GAHRTON, G. Antibody dependent cellular cytotoxicity of leukaemic blast cells and neutrophils from patients with acute myelogenous leukaemia, 414
 DAMMACCO, F., MIGLIETTA, A., VENTURA, M.T. & BONOMO, L. Defective monocyte chemotactic

- responsiveness in patients with multiple myeloma and benign monoclonal gammopathy, 481
- DAMSTEEG, M.J.M., see MEIJER, C.J.L.M.
- DELAGE, J.M., see SOLAL-CELGIGNY, P.
- DELESPESE, G., see MASCART-LEMONE, F.
- DELSOL, G., see KUHLEIN, E.
- DENMAN, A.M., see PELTON, B.K.
- DE OLIVEIRA NETOS, M.P., see MORIEARTY, P.L.
- DESMOTTES, R.M., see SEGOND, P.
- DE SOUZA, J.B., see PLAYFAIR, J.H.L.
- DE VILLIERS, D., see MUNOZ, L.E.
- DE VRIES, E., HAASNOOT, C.J.P., VAN DER WEIJ, J.P. & CATS, A. *In vitro* monocyte-lymphocyte interaction influenced by d-penicillamine, 474
- DIBLEY, M., see JAMES, C.
- DIENSTAG, J.L., see BAHN, A.K.
- DIÓSGE, M., see FALUS, A.
- DORCY, H., see MASCART-LEMONE, F.
- DOY, T.G. & HUGHES, D.L. The role of the thymus in the eosinophil response of rats infected with *Fasciola hepatica*, 74
- DUCOS, J., see KUHLEIN, E.
- DUHELLE, J., see BENE, M.-C.
- DUSEL, F.J., see BRAY, J.
- EBERSOLE, J.L., TAUBMAN, M.A., SMITH, D.J., GENCO, R.J. & FREY, D.E. Human immune responses to oral micro-organisms. I. Association of localized juvenile periodontitis (LJP) with serum antibody responses to actinobacillus *Actinomyces comitans*, 43
- EDIGO, J., BLASCO, R., SANCHEZ, J., LOZANO, L., SANCHEZ-CRESPO, M. & HERNANDO, L. Increased rates of polymeric IgA synthesis by circulating lymphoid cells in IgA mesangial glomerulonephritis, 309
- EDIGO, J., see SANCHEZ, J.
- EIBL, M., MANNHALTER, J.W. & AMMAD, R. Macrophage-lymphocyte interaction in response to a bacterial antigen (*E. coli*), 260
- EVANS, D.J., see PEPPY, M.B.
- FAURE, G., see BENE, M.-C.
- FALUS, A., MERÉTEY, K., BAGDY, D., DIÓSGE, M., BÖHM, U., CSÁK, É. & BOZSÓKY, S. Beta-2-microglobulin-specific autoantibodies cause platelet aggregation and interfere with ADP-induced aggregation, 103
- FANKHAUSER, G., see TOSI, P.
- FENZI, G.F., BARTALENA, L., CHIOVATO, L., MARCOCCI, C., ROTELLA, C.M., ZONEFRATI, R., TOCCAFONDI, R. & PINCHERA, A. Studies on thyroid cell surface antigens using cultured human thyroid cells, 336
- FERRANTE, A., JAMES, D.W., BETTS, W.H. & CLELAND, L.G. Rapid single step method for purification of polymorphonuclear leucocytes from blood of patients with rheumatoid arthritis, 749
- FISSINGER, J.N., see SEGOND, P.
- FISCHER, A., PICHAT, L., AUDINOT, M. & GRISCELLI, C. Defective handling of mannan by monocytes in patients with chronic mucocutaneous candidiasis resulting in a specific cellular unresponsiveness, 653
- FITZHARRIS, P., ALCOCER, J., STEPHENS, H.A.F., KNIGHT, R.A. & SNAITH, M.L. Insensitivity to interferon of NK cells from patients with systemic lupus erythematosus, 110
- FONTAINE, M., see LEBRETON, J.P.
- FORBES, I.J., ZALEWSKI, P.D., VALENTE, L. & GEE, D. Two maturation associated mouse erythrocyte receptors of human B cells. I. Identification of four human B cell subsets, 396
- FORBES, I.J., see ZALEWSKI, P.D.
- FREEDMAN, Z.R., see KANATSUNA, T.
- FREY, D.E., see EBERSOLE, J.L.
- GAHRTON, G., see DALLEGRI, F.
- GALANAUD, P., see SEGOND, P.
- GALVÃO-CASTRO, B., see MORIEARTY, P.L.
- GAUDEBOUT, C., see POCIDALO, M.-A.
- GEE, D., see FORBES, I.J.
- GEE, D., see ZALEWSKI, P.D.
- GEHRZ, R.C., LINNER, K.M., CHRISTIANSON, W.R., OHM, A.E. & BALFORD, H.H., Jr. Cytomegalovirus infection in infancy: virological and immunological studies, 27
- GENCO, R.J., see EBERSOLE, J.L.
- GENGOZIAN, N. & RICE, D.T. Antibody dependent cellular cytotoxicity with platelets as the target cells; potential applications to the study of immune thrombocytopenia, 431
- GENITEAU, M., see POCIDALO, M.-A.
- GIAMAZZI, R., see BORDIGNON, C.
- GIBERT, C., see POCIDALO, M.-A.
- GODAL, T., see MELSOM, R.
- GOETZL, E.J., see NAGY, L.
- GOLDMAN, J.M., see THIEN, S.L.
- GOOD, R.A., see OHGA, K.
- GORDON, J., see RODE, H.N.
- GRACEY, M., see JAMES, C.
- GRIMALDI, G., Jr., see MORIEARTY, P.L.
- GRISCELLI, G., see FISCHER, A.
- GUSTAVO DOS SANTOS, J., see BARRAL-NETTO, M.
- HAASNOOT, C.J.P., see DE VRIES, E.
- HAISCH, C., see THOMAS, J.
- HÄKANSSON, L., see HÄLLGREN, R.
- HALA, K., see WICK, G.
- HÄLLGREN, R., HÄKANSSON, L., SCHMEKEL, B., STÄLLENHEIM, G. & VENGE, P. Kinetic studies on phagocytosis. IV. Cellular defects and humoral inhibition as causes of impaired neutrophil phagocytosis in sarcoidosis, 169
- HARBOE, M., see MELSOM, R.
- HEBERT, J., see SOLAL-CELGIGNY, P.
- HEIJNEN, C.J., POT, K.H., KATER, L., KLUIN-NELEMANS, H.C., UYTDEHAAG, F. & BALLIEUX, R.E. Functional analysis of the defective T cell regulation of the antigen specific PFC response in SLE patients. Differentiation of suppressor precursor cells to suppressor effector cells, 359
- HELLER, P., see CHEN, Y.
- HENTTONEN, M., see NURMI, T.
- HERNANDO, L., see EDIGO, J.
- HESS, M.W., see TOSI, P.
- HEY, E.N., see PRICE, J.F.
- HOFSTETTER, M., see BARRAL-NETTO, M.
- HOLDSTOCK, G., CHASTENAY, B.F. & KRAWITT, E.L. Effects of testosterone, oestradiol and progesterone on immune regulation, 449
- HOLM, G., BJÖRKHOLM, M., JOHANSSON, B., MELL-

- STEDT, H. & LINDEMALM, C. Monocyte function in Hodgkin's disease, 162
- HOLM, G., *see* DALLEGRI, F.
- HOMBERG, J.C., STELLY, N., ANDREIS, I., ABUAF, N., SAADOUN, F. & ANDRE, J. A new mitochondria antibody (anti-M6) in iproniazid-induced hepatitis, 93
- Hsu, Y.-P., *see* MOSS, R.B.
- HUDSON, L., *see* JOHNSTONE, A.P.
- HUGHES, D.L., *see* DOY, T.G.
- HUHTA, K.E., *see* SOHNLE, P.G.
- HUREZ, D., *see* LEBRETON, J.P.
- HUTTUNEN, K., *see* NURMI, T.
- HWANG, L.T., *see* CHEN, Y.
- HYLTON, W., *see* PELTON, B.K.
- INCEFY, G.S., *see* OHGA, K.
- INTRONA, M., *see* BORDIGNON, C.
- IUIS/WHO NOMENCLATURE COMMITTEE. Nomenclature of the alternative activating pathway of complement, 221
- IYABODE ADELEYE, G., *see* SALIMONU, L.S.
- JAGELMAN, S., *see* SUCKLING, A.J.
- JAMES, C., DIBLEY, M., BURKE, V., ROBINSON, J. & GRACEY, M. Immunological cross-reactivity of enterotoxins of *Aeromonas hydrophila* and cholera toxin, 34
- JAMES, D.W., *see* FERRANTE, A.
- JASIN, H.E., *see* SAGER, D.S.
- JENSENIUS, J.C., *see* JOHNSTONE, A.P.
- JOHANSSON, B., *see* HOLM, G.
- JOHNSON, A.O.K., *see* SALIMONU, L.S.
- JOHNSTONE, A.P., JENSENIUS, J.C., MILLARD, R.E. & HUDSON, L. Mitogen-stimulated immunoglobulin production by lymphocytic leukaemic lymphocytes, 697
- JOHNSTONE, A.P., MILLARD, R.E. & HUDSON, L. The roles of leukaemic and residual normal cells in the proliferative response of chronic lymphocytic leukaemic lymphocytes to mitogens, 689
- JONDAL, M., *see* MERILL, J.
- JONES, P.T., *see* ANDERSON, R.
- KAPP, J., *see* STRAYER, D.S.
- KANATSUNA, T., FREEDMAN, Z.R., RUBENSTEIN, A.H. & LERNMARK, A. Effects of islet cell surface antibodies and complement on the release of insulin and chromium from perfused β cells, 85
- KATENDE, J.M., *see* NANTULYA, V.M.
- KATER, L., *see* HEIJNEN, C.J.
- KATO, Y., *see* NONOMURA, A.
- KAUFFMAN, C.A., BERGMAN, A.G. & O'CONNOR, R.P. Distemper virus in ferrets: an animal model of measles-induced immunosuppression, 617
- KAY, A.B., *see* NAGY, L.
- KEAST, D. & TAYLOR, K. The effect of tri-iodothyronine on the phytohaemagglutinin response of T lymphocytes. Brief communication, 217
- KENNEDY, M., *see* KEYSTONE, E.C.
- KEYSTONE, E.C., CUNNINGHAM, A.J., METCALFE, A., KENNEDY, M. & QUINN, P.A. Role of antibody in the protection of mice from arthritis induced by *Mycoplasma pulmonis*, 253
- KIRSON, I.J., *see* MAKKER, S.P.
- KLUIN-NELEMANS, H.C., *see* HEIJNEN, C.J.
- KNIGHT, R.A., *see* FITZHARRIS, P.
- KOBAYASHI, K., *see* NONOMURA, A.
- KOFER, H., *see* WICK, G.
- KONTIAINEN, S. Human insulin specific suppressor factors. I. Induction, characteristics and comparison to murine factors, 715
- KONTIAINEN, S., *see* LEHNER, T.
- KRAFT, R., *see* TOSI, P.
- KRAWITT, E.L., *see* HOLDSTOCK, G.
- KUHLEIN, E., LAURENT, G., RIGAL, F., DELSOL, G., PRIS, J. & DUCOS, J. Spontaneous mouse erythrocyte rosette formation in chronic lymphocytic leukaemia, 389
- KUMAR, R., *see* RAJAGOPALAN, P.
- KURUMAYA, H., *see* NONOMURA, A.
- LAFBER, G.J.M., *see* MEIJER, C.J.L.M.
- LAMB, J.R., *see* LEHNER, T.
- LAPPIN, D. & WHALEY, K. Adrenergic receptors on monocytes modulate complement component synthesis, 606
- LASSILA, O., *see* NURMI, T.
- LAURENT, G., *see* KUHLEIN, E.
- LAVIOLETTE, M., *see* SOLAL-CEIGNY, P.
- LEBRETON, J.P., FONTAINE, M., ROUSSEAU, J., YOUNOU, P., HUREZ, D., RIVAT-PERAN, L. & BERNARDS, J.P. Deleted IgG1 and IgG2 H chains in a patient with an IgG subclass imbalance, 206
- LEE, T.H., *see* NAGY, L.
- LEHNER, T., LAMB, J.R. & KONTIAINEN, S. Cell-bound helper and suppressor factors in primate lymphocytes, 706
- LEHNER-NETSCH, G., *see* SOLAL-CEIGNY, P.
- LEMIERE, B., *see* MASCART-LEMONE, F.
- LERNMARK, A., *see* KANATSUNA, T.
- LEVO, Y., *see* SHALIT, M.
- LILLEHOJ, H.N. & ROSE, N.R. Humoral and cellular immune response to thyroglobulin in different inbred rat strains, 661
- LIN, Y.L., *see* SASAKI, R.
- LINNA, S.-L., *see* NURMI, T.
- LOZANO, L., *see* EDIGO, J.
- LINDEMALM, C., *see* HOLM, G.
- LINNER, K.M., *see* GEHRZ, R.C.
- LUZI, P., *see* TOSI, P.
- MACLEAN, G.D., *see* BRAY, J.
- MACLEAN, L.D., *see* RODE, H.N.
- MCPHERSON, T.A., *see* BRAY, J.
- MADEC, Y., *see* POICIDALO, M.-A.
- MAKKER, S.P., KIRSON, I.J. & MOORTHY, B. Enhancement of *in situ* immune complex formation in isolated perfused kidneys in Heymann's nephritis, 317
- MALAVIYA, A.N., *see* RAJAGOPALAN, P.
- MANNHALTER, J.W., *see* EIBL, M.
- MANTOVANI, A., *see* BORDIGNON, C.
- MARCOCCI, C., *see* FENZI, G.F.
- MARKHAM, D., *see* MUNOZ, L.E.
- MARZOCHI, M.C.A., *see* MORIARTY, P.L.
- MASCART-LEMONE, F., DELESPESE, G., DORCY, H., LEMIERE, B. & SERVAIS, G. Characterization of immunoregulatory T lymphocytes in insulin-dependent diabetic children by means of monoclonal antibodies, 296
- MASSIAS, P., *see* SEGOND, P.

- MEAKINS, J.L., see RODE, H.N.
 MEHROTRA, M.L., see BAHR, G.M.
 MEIJER, C.J.L.M., CNOSSEN, J., LAFBER, G.J.M., DAMSTEG, M.J.M. & CATS, A. Autoantibodies against T_H and B lymphocytes in patients with rheumatoid arthritis, 368
 MELIEF, C.J.M., see THIEN, S.L.
 MELLSTEDT, H., see HOLM, G.
 MELSOM, R., HARBOE, M., MYRVANG, B., GODAL, T. & BELEHU, A. Immunoglobulin class specific antibodies to *M. leprae* in leprosy patients, including the indeterminate group and healthy contacts as a step in the development of methods for sero-diagnosis of leprosy, 225
 MERÉTEY, K., see FALUS, A.
 MERILL, J., JONDAL, M., SEELEY, J., ULLBERG, M. & SIDEN, A. Decreased NK killing in patients with multiple sclerosis: an analysis on the level of the single effector cell in peripheral blood and cerebrospinal fluid in relation to the activity of the disease, 419
 METCALFE, A., see KEYSTONE, E.C.
 MIGLIETTA, A., see DAMMACCO, F.
 MILLARD, R.E., see JOHNSTONE, A.P.
 MODABBER, F.Z., see BAHR, G.M.
 MOORTHY, B., see MAKKER, S.P.
 MOREL, E., see RAIMOND, F.
 MOREL-MAROGER, L., see POCIDALO, M.-A.
 MORIEARTY, P.L., GRIMALDI, G., JR., GALVÃO-CASTRO, B., DE OLIVEIRA NETOS, M.P. & MARZOCHI, M.C.A. Intralesional plasma cells and serological responses in human cutaneous leishmaniasis, 59
 MOSS, R.B. & HSU, Y.-P. Isolation and characterization of circulating immune complexes in cystic fibrosis, 301
 MUNOZ, L.E., DE VILLIERS, D., MARKHAM, D., WHALEY, K. & THOMAS, H.C. Complement activation in chronic liver disease, 548
 MUSOKE, A.J., see NANTULYA, V.M.
 MYRVANG, R., see MELSOM, R.
 NAGASHIMA, H., see ARAKI, K.
 NAGY, L., LEE, T.H., GOETZL, E.J., PICKETT, W.C. & KAY, A.B. Complement receptor enhancement and chemotaxis of human neutrophils and eosinophils by leukotrienes and other lipoxigenase products, 541
 NAKAYAMA, T., see OZAKI, T.
 NANDA, S., see PHADKE, K.
 NANTULYA, V.M., MUSOKE, A.J., RURANGIRWA, F.R., BARBET, A.F., NGAIRA, J.M. & KATENDE, J.M. Immune depression in African trypanosomiasis: the role of antigenic competition, 234
 NGAIRA, J.M., see NANTULYA, V.M.
 NONOMURA, A., TANINO, M., KURUMAYA, H., OHTA, G., KATO, Y. & KOBAYASHI, K. Disordered immunoregulatory functions in patients with chronic active hepatitis, 595
 NURMI, T., HUTTUNEN, K., LASSILA, O., HENTTONEN, M., SÄKKINEN, A., LINNA, S.-L. & THILIKAINEN, A. Natural killer cell function in trisomy-21 (Down's syndrome), 735
 O'CONNOR, R.P., see KAUFFMAN, C.A.
 OHGA, K., INCEFY, G.S., WANG, C.Y. & GOOD, R.A. Generation of a monoclonal antibody against facteur thymique serique (FTS), 725
 OHM, A.E., see GEHRZ, R.C.
 OHTA, G., see NONOMURA, A.
 OSCIER, D., see THIEN, S.L.
 OSUNKOYA, B.O., see SALIMONU, L.S.
 OTTESEN, E.A., see BARRAL-NETTO, M.
 OZAKI, T., YASUOKA, S., NAKAYAMA, T. & TSUBURA, E. Glucocorticoid receptors in human alveolar macrophages and peripheral blood cells, 505
 PEDERSON, O.F., see ANDERSON, P.
 PELTON, B.K., HYLTON, W. & DENMAN, A.M. Selective immunosuppressive effects of measles virus infection, 19
 PENNY, R., see SCHRIEBER, L.
 PEPYS, M.B., ROGERS, S.L. & EVANS, D.J. Role of the acute phase response in the Shwartzman phenomenon, 289
 PERRIN, L.H., see CELADA, A.
 PETERS, D.K., see SCHIFFERZI, J.A.
 PHADKE, K., CARROLL, J. & NANDA, S. Effects of various anti-inflammatory drugs on type II collagen-induced arthritis in rats, 579
 PICHAT, L., see FISCHER, A.
 PICKETT, W.C., see NAGY, L.
 PINCHERA, A., see FENZI, G.F.
 PLAYFAIR, J.H.L., DE SOUZA, J.B. & TAVERNE, J. Endotoxin induced 'tumour-necrosis' serum kills a subpopulation of normal lymphocytes *in vitro*. A letter to the Editor, 753
 POCIDALO, M.-A., GIBERT, C., VERRONST, P., GENITEAU, M., ADAM, C., MADEC, Y., GAUDEBOUT, C. & MOREL-MAROGER, L. Circulating immune complexes and severe sepsis: duration of infection as the main determinant, 513
 POT, K.H., see HEIJNEN, C.J.
 PRESTON, P.M. Macrophages and protective immunity in *Mycobacterium lepraemurium* infections in a resistant (C57B1) and a susceptible (BALB/c) mouse strain, 243
 PRICE, J.F., HEY, E.N. & SOOTHILL, J.F. Antigen provocation to the skin, nose and lung, in children with asthma; immediate and dual hypersensitivity reactions, 587
 PRIS, J., see KUHLEIN, E.
 PUSSELL, B.A., BLYTH, F. & CHARLESWORTH, J.A. Failure to detect brain reactivity of lymphocytotoxins in cerebral lupus, 133
 QUINN, P.A., see KEYSTONE, E.C.
 RAIMOND, F., VERNET-DER-GARABEDIAN, B. & MOREL, E. A lipid associated acetylcholine receptor as an antigen in diagnosis of myasthenia gravis, 345
 RAJAGOPALAN, P., KUMAR, R. & MALAVIYA, A.N. Immunological studies in typhoid fever. II. Cell-mediated immune responses and lymphocyte subpopulations in patients with typhoid fever, 269
 RAJAGOPALAN, P., KUMAR, R. & MALAVIYA, A.N. A study of humoral and cell-mediated immune response following typhoid vaccination in human volunteers, 275
 RAYFIELD, L.S., see BARRETT, D.S.

- REINHERZ, E.L., *see* BAHN, A.K.
 REYNAERT, P., *see* BAST, E.J.E.G.
 RICE, D.T., *see* GENGOZIAN, N.
 RIGAL, F., *see* KUHLEIN, E.
 RIVAT-PERAN, L., *see* LEBRETON, J.P.
 ROBINSON, J., *see* JAMES, C.
 RODE, H.N., CHRISTOU, N.V., BUBENIK, O., SUPERINA, R., GORDON, J., MEAKINS, J.L. & MACLEAN, L.D. Lymphocyte function in anergic patients, 155
 ROGERS, S.L., *see* PEPYS, M.B.
 ROOK, G.A.W., *see* BAHR, G.M.
 ROSE, N.R., *see* LILLEHOJ, H.N.
 ROTELLA, C.M., *see* FENZI, G.F.
 ROUSSEAU, J., *see* LEBRETON, J.P.
 RUBENSTEIN, A.H., *see* KANATUNA, T.
 RÜMKE, H.C., *see* THIEN, S.L.
 RURANGIRWA, F.R., *see* NANTULYA, V.M.
 SAADOUN, F., *see* HOMBERG, J.C.
 SAGER, D.S. & JASIN, H.E. Bacterial lipopolysaccharide-induced immunoglobulin synthesis by human blood lymphocytes partially depleted of monocytes, 645
 SÄKKINEN, A., *see* NURMI, T.
 SALAMAN, I.L., *see* SARGENT, I.L.
 SALIMONU, L.S., JOHNSON, A.O.K., WILLIAMS, A.I.O., IYABODE ADELEYE, G. & OSUNKOYA, B.O. The occurrence and properties of E rosette inhibitory substance in the sera of malnourished children, 626
 SALLIERE, D., *see* SEGOND, P.
 SANCHEZ-CRESPO, M., *see* EDIGO, J.
 SANCHEZ-CRESPO, M., *see* SANCJO, J.
 SANCJO, J., EDIGO, J., SANCHEZ-CRESPO, M. & BLASCO, R. Detection of monomeric and polymeric IgA containing immune complexes in serum and kidney from patients with alcoholic liver disease, 327
 SANCJO, J., *see* EDIGO, J.
 SARGENT, I.L., SALAMAN, M.R. & VALDIMARSSON, H. Dual action of leucocyte dialysates and of thymosin on the recovery of sheep cell-rosetting capacity in trypsinized human lymphocytes, 183
 SASAKI, R., TAKAKU, F., LIN, Y.L. & BOLLUM, F.J. Sialyltransferase activity as a marker for the differentiation of lymphocytes. Increase in sialyltransferase activity of blasts from acute lymphoblastic leukaemia cases by 12-O-tetradecanoylphorbol-13-acetate (TPA), 381
 SCHIFFERLI, J.A., WOO, P. & PETERS, D.K. Complement-mediated inhibition of immune precipitation. I. Role of the classical and alternative pathways, 555
 SCHIFFERLI, J.A. & PETERS, D.K. Complement-mediated inhibition of immune precipitation. II. Analysis by sucrose density gradient ultracentrifugation, 563
 SCHLOSSMAN, S.F., *see* BAHN, A.K.
 SCHMEKEL, B., *see* HÄLLGREN, R.
 SCHRIEBER, L. & PENNY, R. Tissue distribution of IgA Fc receptors, 535
 SEELEY, J., *see* MERILL, J.
 SEGOND, P., SALLIERE, D., GALANAUD, P., DESMOTTES, R.M., MASSIAS, P. & FIESSINGER, J.N. Impaired primary *in vitro* antibody response in progressive systemic sclerosis patients: role of suppressor monocytes, 147
 SERVAIS, G., *see* MASCART-LEMONE, F.
 SHALIT, M., WOLLNER, S. & LEVO, Y. Cryoglobulinemia in acute type-A hepatitis, 613
 SIDEN, A., *see* MERILL, J.
 SIMPSON, J.A., *see* BARKAS, T.
 SIROIS, M., *see* SOLAL-CELGNY, P.
 SMITH, D.J., *see* EBERSOLE, J.L.
 SNAITH, M.L., *see* FITZHARRIS, P.
 SOHNLE, P.G., COLLINS-LECH, C. & HUHTA, K.E. Age-related effects on the number of human lymphocytes in culture initially responding to an antigenic stimulus, 138
 SOLAL-CELGNY, P., LAVIOLETTE, M., HEBERT, J., ATKINS, P.C., SIROIS, M., BRUN, G., LEHNER-NETSCH, G. & DELAGE, J.M. C3b inactivator deficiency with immune complex manifestations, 197
 SOOTHILL, J.F., *see* PRICE, J.F.
 SOTER, N.A., *see* WASSERMAN, S.I.
 STÄLLENHEIM, G., *see* HÄLLGREN, G.
 STANFORD, J.L., *see* BAHR, G.M.
 STELLY, N., *see* HOMBERG, J.C.
 STEPHENS, H.A.F., *see* FITZHARRIS, P.
 STRAYER, D.S. & KAPP, J. Insulin-specific antibodies and insulinitis in mice immunized with purified porcine insulin, 77
 SUCKLING, A.J., JAGELMAN, S. & WEBB, H.E. Immunoglobulin synthesis in nude (nu/nu), nu/+ and reconstituted nu/nu mice infected with a demyelinating strain of *Semliki Forest* virus, 283
 SUPERINA, R., *see* RODE, H.N.
 SWENY, P. & TIDMAN, N. The effect of cyclosporin A on peripheral blood T cell subpopulations in renal allografts, 445
 TAKAKU, F., *see* SASHKI, R.
 TANINO, M., *see* NONOMURA, A.
 TAUBMAN, M.A., *see* EBERSOLE, J.L.
 TAVERNE, J., *see* PLAYFAIR, J.H.L.
 TAYLOR, K., *see* KEAST, D.
 TEN BERGE, R.J.M., *see* THIEN, S.L.
 THIEN, S.L., GATOVSKY, D., OSCIER, D., GOLDMAN, J.M., VAN DER REIDEN, H.J., MELIEF, C.J.M., RÜMKE, H.C., TEN BERGE, R.J.M. & VON DEM BORNE, A.E.G.Kr. T-chronic lymphocytic leukaemia presenting as primary hypogammaglobulinaemia—evidence of a proliferation of T-suppressor cells, 670
 TIILIKAINEN, A., *see* NURMI, T.
 THOMAS, F., *see* THOMAS, J.
 THOMAS, H.C., *see* MUNOZ, L.E.
 THOMAS, J., CARVER, M., HAISCH, C., THOMAS, F., WELCH, J. & CARCHMAN, R. Differential effects of intravenous anaesthetic agents on cell-mediated immunity in the Rhesus monkey, 457
 THUNOLD, S., *see* WICK, G.
 TIDMAN, N., *see* SWENY, P.
 TOCCAFONDI, R., *see* FENZI, G.F.
 TOSI, P., KRAFT, R., LUZI, P., CINTORINO, M., FANKHAUSER, G., HESS, M.W. & COTTIER, H. Involution patterns of the human thymus. I. Size of the cortical area as a function of age, 497
 TSUBURA, E., *see* OZAKI, T.
 TSUJI, T., *see* ARAKI, K.

- ULLBERG, M., *see* MERILL, J.
 UYTDEHAAG, F., *see* HEIJNEN, C.J.
- VALDIMARSSON, H., *see* SARGENT, I.L.
 VALENTE, L., *see* FORBES, I.J.
 VALENTE, L., *see* ZALEWSKI, P.D.
 VAN CAMP, B., *see* BAST, E.J.E.G.
 VAN DER REIJDEN, H.J., *see* THIEN, S.L.
 VAN DER WEIJ, J.P., *see* DE VRIES, E.
 VECCHI, A., *see* BORDIGNON, C.
 VENGE, P., *see* HÄLLGREN, R.
 VENTURA, M.T., *see* DAMMACCO, F.
 VERNET-DER-GARABEDIAN, B., *see* RAIMOND, F.
 VERROUST, P., *see* POCIDALO, M.-A.
 VILLA, F., *see* BORDIGNON, C.
 VLADUTIU, A.O. Autoimmune thyroiditis: conversion of low-responder mice to high responders by cyclophosphamide, 683
 VON DEM BORNE, A.E.G.Kr., *see* THIEN, S.L.
- WANDS, J.R., *see* BAHN, A.K.
 WANG, C.Y., *see* OHGA, K.
 WASSERMAN, S.I., AUSTEN, K.E. & SOTER, N.A. The functional and physicochemical characterization of three eosinophilotactic activities released into the circulation by cold challenge of patients with cold urticaria, 570
- WEBB, H.E., *see* SUCKLING, A.J.
 WELCH, J., *see* THOMAS, J.
 WHALEY, K., *see* LAPPIN, D.
 WHALEY, K., *see* MUNOZ, L.E.
 WICK, B., BOYD, R., HALA, K., THUNOLD, S. & KOFLER, H. Pathogenesis of spontaneous autoimmune thyroiditis in Obese strain (OS) chickens, 1
 WILLIAMS, A.I.O., *see* SALIMONU, L.S.
 WIRINGA, G., *see* BAST, E.J.E.G.
 WOLLNER, S., *see* SHALIT, M.
 WOO, P., *see* SCHIFFERLI, J.A.
- YASUOKA, S., *see* OZAKI, T.
 YOUINOU, P., *see* LEBRETON, J.P.
- ZALEWSKI, P.D., FORBES, I.J., GEE, D. & VALENTE, L. Two maturation associated mouse erythrocyte receptors of human B cells. II. Isolation and partial characterization of a B cell lectin with specificity R₁, 405
 ZALEWSKI, P.D., *see* FORBES, I.J.
 ZONEFRATI, R., *see* FENZI, G.F.

SUBJECT INDEX

- Acetylcholine receptor
 - for diagnosis of myasthenia gravis, 345
- Actinomyces temcomitans*
 - serum antibody response to and periodontitis, 43
- Acute lymphoblastic leukaemia
 - increase in sialyltransferase activity during, 381
- Acute myelogenous leukaemia
 - cellular cytotoxicity in, 414
- Acute phase response
 - role in Shwartzman phenomenon, 289
- Adrenergic receptors
 - on monocytes, 606
- Aeromonas hydrophila*
 - cross-reaction with cholera toxin, 34
- Age
 - effect on number of lymphocytes in culture, 138
- Ageing
 - effect on thymus cortical surface area, 497
- Alcoholic liver disease
 - IgA containing immune complexes in, 327
- Alternative complement pathway
 - nomenclature of, 221
- Anaesthetics
 - differential actions of on cell-mediated immunity, 457
- Anergia
 - lymphocyte function in, 155
- Anti-M6
 - new antibody in hepatitis, 93
- Antibodies
 - anti-Ach receptor specific, lack of inter-animal cross-reaction of, 119
 - decreased anti-T in gastrointestinal cancer, 176
 - immunoglobulin class specific, in leprosy patients, 225
 - insulin-specific, and insulinitis in mice, 77
 - monoclonal against FTS, 725
- Antigenic competition
 - role in African trypanosomiasis, 234
- Anti-inflammatory drugs
 - effect on arthritis, 579
- Arthritis
 - effect of anti-inflammatory drugs on, 579
 - role of antibodies in protection from, 253
- Asthma
 - antigen provocation studies in, 587
- Autoantibodies
 - action on platelet aggregation, 103
 - against T_H and B lymphocytes in rheumatoid arthritis, 368
- Autoimmune thyroiditis
 - action of cyclophosphamide on, 683
- B cell
 - identification of four subsets, 396
- B cell R₁ lectin
 - characterization of, 405
- C3b
 - inactivator deficiency and immune complexes, 197
- Cell-mediated immunity
 - effects of anaesthetic agents on, 457
- Cellular cytotoxicity
 - antibody dependence of in acute myelogenous leukaemia, 414
 - platelets as target cells, 431
- Cerebral lupus
 - failure to detect brain reactivity of lymphocytotoxins in, 133
- Chemotaxis
 - of monocytes in MM and BMG, 481
- Cholera toxin
 - cross-reaction with *A. hydrophila* enterotoxin, 34
- Chronic lymphocytic leukaemia
 - spontaneous erythrocyte formation in, 389
- Circulating immune complexes
 - and severe sepsis, 513
 - detection and characterization of during hepatitis, 520
 - isolation and characterization of in cystic fibrosis, 301
- Complement
 - activation during chronic liver disease, 548
 - inhibition of immune precipitation by, 555, 563
 - nomenclature of the alternative pathway, 221
 - synthesis regulation by monocytic adrenergic receptors, 606
- Cryoglobulinemia
 - in acute type-A hepatitis, 613
- Cyclophosphamide
 - action of in autoimmune thyroiditis, 683
- Cyclosporin A
 - effect on T cell subpopulations, 445
 - effect on transfer of allergic encephalomyelitis, 127
- Cystic fibrosis
 - circulating immune complexes in, 301
- Cytomegalovirus
 - infection in infancy, 27
- Cytotoxicity
 - suppression of cell-mediated, by maternal and neonatal serum, 742
- Cytotoxic activity
 - present in human lungs, 437
- Diabetes
 - characterization of immunoregulatory T lymphocytes in, 296
- Distemper
 - model for measles-induced immunosuppression, 617
- Down's syndrome
 - natural killer cell function in, 735
- E rosette inhibitory substance
 - occurrence and properties in malnourished children, 626
- Encephalomyelitis
 - effect of cyclosporin A on transfer of, 127
- Enterotoxins
 - immunological cross-reactivity of, 34
- Eosinophilactact activity
 - characterization of, 570
- Eosinophils
 - chemotaxis of by leukotrienes, 541
 - response in *Fasciola hepatica* infection, 74
- Erythrocyte rosette
 - spontaneous formation in chronic lymphocytic leukaemia, 389

- Facteur thymique serique
monoclonal antibodies against, 725
- Fasciola hepatica*
thymic role in eosinophil response to infection, 74
- Gammopathy
idiotypic lymphocytes in, 677
- Gastrointestinal cancer
decreased levels of anti-T antibodies in, 176
- Glucocorticoids
receptors for, on macrophages and blood cells, 505
- Glomerulonephritis
IgA synthesis during, 309
- H chain
deletions of and IgG subclass imbalances, 206
- Helper factors
on primate lymphocytes, 706
- Hepatitis
anti-M6 antibody in iproniazid-induced, 93
circulating immune complexes, 520
cryoglobulinemia in, 613
disordered immunoregulatory functions in, 595
- Heymann's nephritis
and immune complex formation, 317
- Hodgkin's disease
monocyte function in, 162
- Hypersensitivity
in asthmatic children after antigen provocation, 587
- IgA
detection of in immune complexes, 327
increased synthesis during IgA glomerulonephritis, 309
- IgA nephropathy
polymeric mesangial deposits in, 527
- IgG
subclass imbalances, and H chain deletions, 206
- IgG Fc
receptor distribution, 535
- Immune complexes
enhancement of formation, 317
manifested in C3b inactivation deficiency, 197
- Immune depression
in African trypanosomiasis, 234
- Immune precipitation
role of complement in inhibition of, 555, 563
- Immune regulation
effect of sex steroids on, 449
- Immune responses
following typhoid vaccination, 275
in *Schistosoma mekongi* infection, 65
thyroglobulin in rats, 661
- Immune suppression
effect of measles on, 19
- Immunosuppression
in plasmacytoma, 191
- Immunoglobulins
in smokers and non-smokers, 467
lipopolysaccharide-induced synthesis of, 645
synthesis of, during *Semliki Forest* virus infection, 283
- Immunoglobulin production
by leukaemic lymphocytes, 697
- Immunoregulation
during active hepatitis, 595
- Insulin
effect of complement and islet cell surface antibodies on release, 85
suppressor factors specific for, 715
- Insulinitis
in mice immunized with porcine insulin, 77
- Interferon
NK cell insensitivity to in SLE, 110
- Juvenile periodontitis
association with serum antibody response to *Actinomycetemcomitans*, 43
- Leishmaniasis
plasma cell and serological responses to, in human infection, 59
- Leprosy
lack of antibodies to nauramyl dipeptide in, 53
sero-diagnosis of, 225
- Leucoattractant binding
effects of ascorbate, cysteine, dithioreitol, levamisole and thiomine on, 487
- Leukaemic lymphocytes
immunoglobulin production in, 697
- Leukotrienes
chemotaxis of neutrophils and eosinophils by, 541
- Lipopolysaccharide
induction of immunoglobulin synthesis by, 645
- Liver disease
activation of complement during, 548
- Lungs
natural cytotoxic activity of, 437
- Lymphocytes
age-related effects on number of, in culture, 138
cell-bound helper and suppressor factors on, 706
in anergic patients function of, 155
in monoclonal gammopathy, 677
interaction with macrophages in response to *E. coli* antigens, 260
interaction with monocytes, influenced by d-penicillamine on, 474
killed by tumour-necrosis serum, 753
subpopulations in typhoid patients, 269
- Lymphocyte differentiation
sialyltransferase activity as a marker of, 381
- Lymphocyte leukaemia
lymphocyte proliferative response to mitogens in, 689
T suppressor cell proliferation in, 670
- Lymphocytotoxins
brain reactivity in cerebral lupus, 133
- Macrophages
glucocorticoid receptors in, 505
interaction with lymphocytes in response to *E. coli* antigens, 260
in *M. lepraemurium* infections, 243
- Measles
immunosuppressive action of, 19
similarities to distemper, at, 617
- Monoclonal antibodies
identification of regulatory T lymphocytes using, 296
- Monocytes
adrenergic receptors on, 606
chemotactic responsiveness in MM and BMG, 481

- function in Hodgkin's disease, 162
- interaction with lymphocytes, influence of d-penicillamine on, 474
- phagocytosis of infected red blood cells by, 635
- unresponsiveness of in mucocutaneous candidiasis, 653
- Mouse erythrocytes
 - receptors for on human B cells, 396, 405
- Mucocutaneous candidiasis
 - monocyte unresponsiveness in, 653
- Multiple sclerosis
 - decreased NK killing in, 419
- Muramyl dipeptide
 - lack of antibodies to, in T.B. or leprosy, 53
- Myasthenia gravis
 - diagnosis of, 345
 - immunotherapy implications of anti-Ach receptor antibodies, 119
- Mycobacterium lepraemurium*
 - infections in two mice strains, 243
- Mycoplasma pulmonis*
 - induction of arthritis by, 253
- Nephropathy
 - characterization of polymeric IgA in, 527
- Neutrophils
 - chemotaxis of by leukotrienes, 541
 - effect of ascorbate, cysteine, dithioeritol, levamisole and thiamine on motility of, 487
 - impaired phagocytosis by, in sarcoidosis, 109
- NK cells
 - activity in relation to multiple sclerosis, 419
 - functions of in Down's syndrome, 735
 - status in SLE, 110
- Opsonic activity
 - of human immune serum, 635
- OS chickens
 - autoimmune thyroiditis in, 1
- Pancreatic β cells
 - insulin and chromium release from, 85
- Penicillamine
 - influence on monocyte-lymphocyte interaction, 474
- Peripheral blood cells
 - glucocorticoid receptors on, 505
- PFC response
 - defective regulation of, in SLE patients, 359
- Phagocytosis
 - kinetic studies of, 169
- Plasmacytoma
 - induction of suppressor cells in, 191
- Plasma cells
 - in human cutaneous leishmaniasis, 59
- Platelet aggregation
 - caused by autoantibodies, 103
- Polymorphonuclear leucocytes
 - purification of, 749
- Primary biliary cirrhosis
 - effect on T cell subsets, 351
- Proliferation
 - of lymphocytes in leukaemia, role of normal and leukaemic cells in, 689
- Protective immunity
 - in *M. lepraemurium* infections, 243
- Rheumatoid arthritis
 - autoantibodies in, 368
 - purification of leucocytes from patients with, 749
- Rosetting
 - recovery of capacity by trypsinized lymphocytes, 183
- Sarcoidosis
 - impaired neutrophil phagocytosis in, 169
- Schistosoma mekongi*
 - immune responses during infection, 65
- Sepsis
 - circulating immune complexes in, 513
- Sex steroids
 - effect on immune regulation, 449
- Shwartzman phenomenon
 - acute phase response in, 289
- Semliki Forest virus*
 - immunoglobulin synthesis during infection with, 283
- Smoking
 - effect on serum antibodies, 467
- Suppressor factors
 - human insulin specific, 715
 - on primate lymphocytes, 706
- Suppressor monocytes
 - role in impaired antibody response, 147
- Suppressor T cells
 - differentiation from precursor to effector cells, 359
- Surface antigens
 - studies using cultured thyroid cells, 336
- Systemic lupus erythematosus
 - insensitivity of NK cells to interferon in, 110
- Systemic sclerosis
 - impaired antibody response in, 147
- T cell
 - subset alterations in primary biliary cirrhosis, 351
- T cell subpopulations
 - effect of cyclosporin A on, in renal allografts, 445
- T lymphocytes
 - effect of tri-iodothyronine on phytohaemagglutinin response of, 217
 - in insulin-dependent diabetic children, 296
- T suppressor cells
 - proliferation of in leukaemia, 670
- Thrombocytopenia
 - study of using platelets, 431
- Thymosin
 - action with leucocyte dialysates and sheep cell rosetting activity, 183
- Thymus
 - cortical surface area as related to age, 497
- Thyroglobulins
 - immune response to in rats, 661
- Thyroid cells
 - cell surface antigens of, 336
- Thyroiditis
 - pathogenesis of, in OS chickens, 1
- Tissue distribution
 - of IgG Fc receptors, 535
- Tri-iodothyronine
 - effect on phytohaemagglutinin response to T lymphocytes, 217
- Tuberculosis
 - lack of antibodies to muramyl dipeptide in, 53

- Tumour-necrosis serum
 - kills normal lymphocyte subpopulations, 753
- Typhoid patients
 - cell-mediated immune responses in, 269
- Typhoid vaccination
 - immune responses following, 275
- Urticaria
 - release of eosinophilotactic activities during, 570